

3.600 St. Louis County
West La' molition Landfill

JOHN ASHCROFT
Governor

FREDERICK A. BRUNNER
Director



STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

St. Louis Regional Office
8460 Watson Road, Suite 217
St. Louis, MO 63119
314-849-1313

recorded
Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Division of Parks, Recreation,
and Historic Preservation

September 14, 1988

Mr. Michael J. Whitlock
Laidlaw Waste Systems, Inc.
13570 St. Charles Rock Road
Bridgeton, MO 63044

Dear Mr. Whitlock:

Enclosed is a report of an inspection conducted by Mr. Kevin Arnold of my staff. No violations were noted during the inspection.

Please review the enclosure, and if you have any questions please contact me.

Sincerely,

ST. LOUIS REGIONAL OFFICE

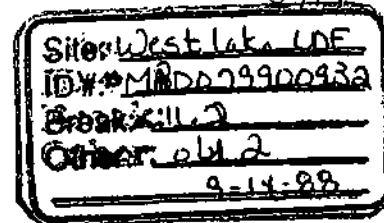
Stuart Bean

Stuart Bean
Chief, Solid Waste Management Unit

SB/be

Enclosure

CC: City of Bridgeton
St. Louis County Health Department
Mr. Scott Schreiber,
Laidlaw Wastes Systems, 2340 So. Arlington Heights Road - Ste 230
Arlington Heights, IL 60005
✓Central Office, Waste Management Program



RECEIVED
SEP 22 1988

WASTE MANAGEMENT
PROGRAM

40249214



SUPERFUND RECORDS

DNR 0048

3.600 St. is County
West Lake olition Landfill

SOLID WASTE FACILITY INSPECTION REPORT

FACILITY

West Lake Landfill
St. Louis County
Demolition Landfill
MO DNR Permit #218912

INTRODUCTION

An inspection of the West Lake Demolition Landfill was conducted on September 1, 1988 to assess compliance with applicable requirements pursuant to the Missouri Solid Waste Management Law. Mr. Michael J. Whitlock, Landfill Manager, represented the facility. Mr. Brad Bomanz and Mr. Ron Darling represented the St. Louis County Department of Community Health and Medical Care, Mr. Kevin Arnold represented the Missouri Department of Natural Resources.


FINDINGS

1. The facility appeared to be operated satisfactorily.
2. The excluded wastes sign was mud spattered making portions of the list difficult to read.

RECOMMENDATIONS

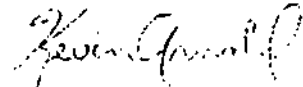
Clean the sign and place it on taller supports so it is unaffected by the overspray from passing vehicles. Clean the sign periodically as needed.

APPROVED BY:


F. Donald Maddox
Regional Administrator
St. Louis Regional Office

FDM/KA/be

PREPARED BY:


Kevin Arnold
Environmental Specialist
St. Louis Regional Office

SEP 21 1988

WASTE MANAGEMENT
PROGRAM

Days/Week Open: 6

Permit No.: 218912

County: ST. LOUIS

owner: LAIDLAW WASTE SYSTEMS INC.

Operator: SAME

Address: 13570 ST. CHARLES ROCK ROAD

Address:

BRIDGETON MO 63042

Permittee: West Coast Landfill, Inc.

Address:

Phone:

C. Fixed operating term date, _____

		SAT	UNS	N/A			SAT	UNS	N/A
10 CSR 30-1.22C Permit Issuance, Special Operating Permits, and Permit Exemption									
(3)(B)	Authorization to operate obtained prior to acceptance of waste.			X	(6)(C)1.	Boundary markers, benchmarks, horizontal control stations replaced or re-established.	X		
(5)(E)	Site constructed and operated per approved terms and conditions of permit.	X			(6)(C)2.	Missing or displaced benchmarks or horizontal control stations replaced or re-established as necessary.	X		
10 CSR 30-1.260 Certified Solid Waste Technicians.									
(2)(A)	Site operated by a certified solid waste technician			X	(6)(C)3.	Missing or displaced construction stakes replaced or re-established as necessary.	X		
Name:									
10 CSR 30-1.013 Demolition Landfill Design and Operation.									
(2)(C)	List of solid wastes to be accepted displayed at the site entrance.	X			(6)(C)4.	Permanent monuments and boundary markers placed prior to receiving authorization to operate.	X		
(3)(C)1.	Disposal of special wastes approved in the permit conducted in accordance with approved design and operating plans.	X			(6)(C)5.	Construction stakes marking the active area placed prior to deposition of waste in individual areas.	X		
(3)(C)2.A.	Written approval from the department obtained for special waste not approved in permit.	X			(7)(C)1.	Surface watercourses and runoff properly diverted from the landfill. Landfill construction and grading to promote rapid surface water runoff without excessive erosion.	X		
(3)(C)2.B.	Approved special waste disposed of properly.	X			(7)(C)2.	Contact with solid waste is minimized by daily operation.	X		
(3)(C)3.	Operating procedures for screening and removal of excluded wastes implemented.	X			(7)(C)3.	Leachate collection system properly installed and operated in accordance with the permit and approved plans.			
(4)(C)1.	Site accessible in all weather conditions. Temporary roads provided for delivery to working face.	X			(7)(C)4.	Liner constructed in accordance with approved design specifications.	X		
(5)(C)2.	If access roads or public roads are flooded, alternate sanitary or demolition landfill is available.			X	(7)(C)5.	Leachate generated on-site controlled on-site and not allowed to discharge off the demolition landfill or discharge into waters of the state.	X		
Name:									
(5)(C)1.	Construction and operation of the site is conducted in accordance with engineering plans and specifications.	X			(7)(C)6.	Leachate and runoff managed in accordance with the Missouri Clean Water Law and Rules.	X		
(5)(C)2.	Minimum fifty foot buffer zone maintained between site operations and property boundary.	X			(8)(C)1.A.	Groundwater monitoring wells installed per approved plans.	X		
(5)(C)3.	Operating manual available to employees and the department.	X			(8)(C)1.B.	Groundwater monitoring wells operational prior to acceptance of waste, unless other arrangements are approved.	X		
					(9)(C)				
					Burning of solid waste prohibited unless a burning permit is obtained from the department or, when appropriate, local pollution agency.				

		JAT	JMS	V.2					
(12)(C)1.	Decomposition gas control implemented as necessary to prevent migration and accumulation.			X	(14)(C)1.	Solid waste handling equipment on-site and operated as necessary.	X		
(13)(C)1.A.	Decomposition gas not allowed to concentrate in dwellings on-site above twenty-five percent LEL for methane.			X	(14)(C)1.A.	Solid waste to be compacted, spread layers no more than two feet thick and confined to smallest practical area.	X		
(13)(C)1.B.	Decomposition gases not allowed to concentrate in the soil at the property boundary above five percent LEL for methane.			X	(14)(C)1.B.	Waste compacted to smallest practical volume.	X		
(13)(C)1.C.	Decomposition gas monitoring results submitted to the department as required by permit.			X	(14)(C)1.C.	Cover compacted as much as practical.	X		
(13)(C)1.D.	Landfill operated in compliance with applicable requirements of Chapter 643, RSMo and rules.	X			(14)(C)2.	Solid waste spread and compacted as received or at least when the accumulated waste reaches two hundred cubic yards.	X		
(11)(C)	Vector control programs implemented when necessary.	X			(14)(C)3.	Preventative maintenance performed on equipment.	X		
(12)(C)1.	Litter control devices utilized near working face and elsewhere as needed. Litter collected from fences, and the ground surface, and incorporated into the active cell at the end of each day or containerized.	X			(14)(C)4.	Solid waste not disposed of in water to prohibit spreading and compaction or causing mosquito breeding problems.	X		
(12)(C)2.	Wastes easily moved by wind covered as necessary to prevent their becoming airborne and scattered.	X			(15)(C)1.	Fire extinguishers provided on all solid waste handling equipment.	X		
(12)(C)3.	On-site vegetation cleared only as necessary.	X			(15)(C)2.	All fires in wastes being delivered to the site or which occur at the working face or within equipment extinguished.	X		
(12)(C)4.	Salvaged materials removed daily or stored in aesthetically acceptable containers or enclosures.	X			(15)(C)3.	Scavenging prohibited.	X		
(13)(C)1.	Twelve (12) inches compacted soil cover material applied at least once every seven calendar days.	X			(15)(C)4.	Controlled access to site by established roadways and limited to hours when operating personnel are on duty.	X		
(13)(C)2.	Cover applied to completed areas of the landfill in a compacted layer not less than two feet thick overlain by at least one foot of soil, as required, capable of supporting vegetation.	X			(15)(C)5.	Traffic controlled and directed to distinguish disposing points.	X		
(13)(C)3.	Final side slopes not to exceed 33 1/3 percent.	X			(15)(C)6.	Site dust controlled for safety purposes and to prevent nuisances.	X		
(13)(C)4.	Vegetation established within one hundred eighty days of application or regrading of the initial and final cover.	X			(16)(C)1.A.	Records of major problems and complaints maintained.	X		
(13)(C)5.	Regrading and recovering as necessary to maintain cover slope and integrity.	X			(16)(C)1.B.	Records of dates of cover material application maintained.	X		
(13)(C)6.	Borrow areas reclaimed in accordance with approved plans.			X	(16)(C)1.C.	Records of qualitative and quantitative evaluation of the environmental impact of the landfill, when applicable, maintained.	X		
					(16)(C)1.D.	Records of vector control efforts maintained.	X		
					(16)(C)1.E.	Records of dust and litter control efforts maintained.	X		
					(16)(C)1.F.	Records of quantity of waste received maintained.	X		
					(16)(C)1.G.	Records of quantity of waste handled maintained. Topographic map submitted every five years.	X		
					(16)(C)1.H.	Records of description, source and volume of special wastes listed in subsection (3)(A) maintained.	X		

REMARKS:

BY:

Kevin Arnold
Signature of Inspector

OFFICE: SLRO